

---

NEWS LETTER OF THE SOCIETY OF AMERICAN BACTERIOLOGISTS

---

Office of the Secretary-Treasurer

July, 1947

Volume XIII,-- Number 4

1947 OFFICERS AND COUNCILORS

President: Thomas Francis, Jr., University of Michigan, Ann Arbor, Michigan  
Past President: James Craigie, Imperial Cancer Research Fund, London, England  
Vice-President: H. J. Conn, N.Y. Ag. Exper. Station, Geneva, New York.  
Secretary-Treasurer: L. W. Parr, The George Washington University, Washington, D.C.  
Councilors-at-Large: D. S. Martin, Duke Hospital, Durham, North Carolina  
 Frederick Smith, McGill University, Montreal, Canada  
 P. R. Edwards, Kentucky Experiment Station, Lexington, Kentucky  
 L. S. McClung, Indiana University, Bloomington, Indiana

Councilors Elected by Branches:

E. I. Sugarman, San Francisco, Cal.—Northern California-Hawaiian  
 C. E. ZoBell, LaJolla, Calif.—Southern California  
 L. W. Slanetz, Durham, N.H.—Connecticut Valley  
 H. W. Cromwell, North Chicago, Ill.—Illinois  
 H. M. Powell, Indianapolis, Indiana—Indiana  
 R. H. Weaver, Lexington, Ky.—Kentucky-Tennessee  
 R. P. Myers, Baltimore, Md.—Maryland  
 W. L. Mallman, East Lansing, Mich.—Michigan  
 J. R. Rehm, St. Louis, Mo.—Eastern Missouri  
 George Peltier, Lincoln, Neb.—Missouri Valley  
 T. J. Murray, New Brunswick, N.J.—New Jersey  
 Mary Horton, New York, N.Y.—New York City  
 C. S. Pederson, Geneva, N.Y.—Central New York  
 H. W. Lyall, Albany, N.Y.—Eastern New York  
 C. E. Skinner, Minneapolis, Minn.—North Central  
 M. L. Cooper, Cincinnati, Ohio—Ohio  
 W. F. Verwey, Glenolden, Penn.—Eastern Pennsylvania  
 K. L. Burdon, Houston, Texas—Texas  
 N. R. Smith, Chevy Chase, Md.—Washington, D.C.  
 E. J. Ordal, Seattle, Wash.—Northwest  
 W. W. Smith, Logan, Utah—Intermountain  
 Ralph McBurney, Birmingham, Ala.—Southeastern

Invited Members, by Council Action of 1938:

Barnett Cohen, Editor-in-Chief, BACTERIOLOGICAL REVIEWS  
 A. P. Hitchens, Editor, Section C., BIOLOGICAL ABSTRACTS  
 W. J. Nungester, Chairman, PROGRAM COMMITTEE  
 J. M. Sherman, Editor-in-Chief, JOURNAL OF BACTERIOLOGY

The Council Advisory Committee (Constitutional Revision of 1946)

Thomas Francis, Jr., Chairman  
 James Craigie L. S. McClung  
 H. J. Conn C. S. Pederson  
 L. W. Parr, Secretary R. L. Starkey  
 J. M. Sherman

NEW LOCAL BRANCHES AND COUNCILORS

It is an unusual number of the News-Letter which can announce the formation locally and the recognition by the Council of three new Local Branches but that honor falls to this issue.

The first new Branch is the Intermountain Branch which is centered in Utah but which may include contiguous portions of adjoining states. The second new

addition to our family is centered in Louisiana but also includes portions of adjacent states, particularly to the east. This branch is called the South Central Branch. Newest of all is the Southeastern Branch centered in Florida, but including portions of Georgia and Alabama. A new Local Branch is formed upon petition of local residents numbering ten or more who are members in good standing of the national society and who satisfy the Director of Local Branches, currently Dr. Grant L. Stahly, that they have a satisfactory territory in mind and that they will be able to hold two or more meetings a year and in other ways carry out the functions usually ascribed to a local branch. Whenever such a group is large enough to count twenty-five or more members of the national society within its ranks it is entitled to a Councilor who participates with the other Councilors of the Society in the business deliberations of the Council, whether conducted face to face at the time of annual meetings or in the interim by mail.

At the present time the South Central Group is not large enough to have a Councilor but both other groups qualify. W. W. Smith will be Councilor from the Intermountain Branch, Ralph McBurney from the Southeastern. It is hoped that before too long we may have the privilege of publishing news items from these local branches. This brings to twenty-five the number of Local Branches which have been constituted in this country. There are two which at the present time are either inactive or not big enough for a Councilor.

#### THE FORTY-SEVENTH GENERAL MEETING OF THE S.A.B.

The 1947 annual meeting of the Society was held May 13, Tuesday, through May 16th, Friday in the Hotel Bellevue-Stratford, Philadelphia. The total number of registrants was just over 1600. There were 26 commercial and five scientific exhibits. The banquet was attended by 575. The 1947 Eli Lilly and Company Award was presented to Wayne W. Umbreit (Ph.D., Wisconsin) of Cornell University, Ithaca, New York, for his work on autotrophic physiology.

Several new annual meeting features were introduced at Philadelphia. The local committee not only provided television for the entertainment of the members who wished to mix in a little baseball with their Round Tables, but it mimeographed the list of members in attendance so efficiently that members who desired had a complete list of all those present to take home with them. Particularly significant was the daily appearance of the "Incubator" which was available each of the five mornings neatly mimeographed on gray, deep pink, light pink, blue and yellow paper containing announcements for the day, news from the day before and a generous sprinkling of humorous and personal notes. The registration and information service was good, entertainment features were well planned and administered, and hotel accommodations and service satisfactory. The vote of appreciation from the Society to Local Committee Chairman Morton and his colleagues was as sincere and well deserved as any ever registered,—no one felt the local committee was in any way responsible for one or two hot afternoons.

The program was particularly full, yet not overloaded, and was this year replete with significant and interesting papers and round tables. The presidential address by Dr. Francis on "Mechanisms of infection and immunity in virus diseases of man" set a high standard for such addresses in that it was a distinct contribution to science and yet so clearly and simply put as to interest the beginner in microbiology quite as fully as the expert virologist. A distinctly successful feature arranged by the Program Committee with the assistance of a Special Lectureship Committee was the Annual Lecture for 1947, this year known as the Ludvig Hektoen Lecture, given by William H. Taliaferro on: "The inhibition of reproduction in parasites by immune factors." Dr. Hektoen was present, the guest of the Society.

#### TRANSACTIONS OF THE COUNCIL

It is stated elsewhere in this News Letter that the dates for the 47th General Meeting were May 13-16 inclusive. That is true but there was considerable activity

on Monday, the 12th. The first number of the "Incubator" appeared on Monday, many members were registered on Monday, a smoker was held Monday evening and the Council met Monday afternoon and evening. All members of the Council, or their proxies, were present. It was reported that the Society had been incorporated in the District of Columbia, March 25, 1947 by its agents, W. A. Sawyer, W. F. Simpson and Leland W. Parr. It was arranged for President Francis, Vice-President Conn, Secretary-Treasurer Parr, and Councilors-at-Large Martin, Smith, Edwards and McClung to sign papers effecting dissolution of the Act of Incorporation of 1919 in the State of Indiana. Many matters were discussed and the following actions of interest to the membership were taken:

1. A list of forty-four names was proposed for active membership and accepted by the Council.
2. A list of two names for emeritus membership was presented to the Council and accepted.
3. A list of two names for sustaining membership was presented to the Council and accepted.  
(All of these names appear in this News Letter.)
4. President Francis appointed the following Committee on Resolutions: L.S. McClung, Chairman; I. C. Gunsalus; and M. W. Jennison.
5. It was voted to delete seven words from Article VI, Section F of the By-Laws. The words are "and published in the Journal of Bacteriology." The words deal with abstracts presented at an annual meeting.
6. President Francis requested Editor Sherman and Program Committee Chairman Nungester to study the problem of how these abstracts shall be handled and to submit to the Council a plan at a later date.
7. It was voted that the program be printed for future meetings if feasible, it being understood that it will cost more to print the program than to put it out in its present form.
8. It was voted that the Society participate in the organization of an Institute of Biological Sciences under the auspices of the National Research Council to the extent that it is willing to ratify and accept the Constitution and By-Laws of the proposed Institute with the exception that it cannot approve By-Law III in its present form at the present time. (This By-Law provides that each Society coming into the Institute is to pay an annual sum equal to one dollar per active member.)
9. It was voted that the Society make known to the Institute of Biological Sciences its willingness to pay five hundred dollars toward the work of the Institute, this payment to be taken into account as meeting a part or all of any financial obligation to be incurred by the Society of American Bacteriologists during the first year of its affiliation as may be determined by the Council later.
10. It was voted that the Society prepare and present a resolution to the Committee on Armed Services of the Senate which is considering Senate bills dealing with the status of professional biologists in the Armed Services. (See elsewhere in this News Letter.)
11. It was voted to authorize President Francis to reconstitute and enlarge the present committee on the Certification of Public Health Personnel. The committee appointed is as follows: Samuel R. Damon, Chairman; Sara E. Branhm, Mary Horton, Marshall W. Jennison, Merlin L. Cooper, C. S. Pederson.
12. It was voted to authorize the Placement Bureau to make a charge of five dollars for the handling of each application for placement, the same to be applied to the commission due the Bureau in case a placement is made or returned to the applicant when in the judgment of the Bureau it is evident that the Society cannot be of assistance to the applicant in obtaining a position.
13. It was voted to restore to the budget the old item "Editor - Journal of Bacteriology, Secretarial Service" or such equivalent as may seem more appropriate. This item has been omitted from the budgets of 1945, 1946, and 1947. The vote carried the provision that payment in the sum of \$600.00 be made for 1947 and that hereafter until duly and properly changed it shall be \$400.00 per year.



4.

14. It was voted to hold the 1948 meeting already approved for Minneapolis during the week of May 9-15.

15. It was voted to hold the 1949 meeting in Cincinnati.

16. It was voted to hold the 1950 meeting in Baltimore.

-----  
By mail vote subsequent to the May 12 meeting the Council has approved lists of members for the Active, Sustaining and Emeritus status; recognition of the Inter-mountain, South Central and Southeastern Branches; a recommendation of the Financial Advisory Committee that the Secretary-Treasurer, in 1947, purchase (from surplus funds and proceeds received from maturing bonds) \$9000 maturity value (to be purchased for \$6660.00) U. S. Bonds, Series F; it has authorized the use of Society funds to facilitate the attendance at the Fourth International Congress of Microbiology in Copenhagen of two members of the Society; and it has approved selling copies of the 1947 Directory to non-members for \$2.00.

#### RESOLUTION ON CERTAIN SCIENCE LEGISLATION

Adopted by the Council, read at the General Business Meeting of the Society, May 15, 1947, and subsequently presented to the appropriate Senate Committee:

"The Society of American Bacteriologists, by vote of its Council, May 12, 1947 wishes to go on record as opposed to the proposed legislation dealing with the status of professional biological scientists in the Armed Services, particularly to S. 504 which provides conditions unfair to personnel of the medical allied sciences which can not but result in dissatisfaction, inferior grade of service and a risk to the national safety.

The Society believes that scientists are essential in the Army and in the Navy programs, that these programs cannot satisfactorily be handled on a temporary or an emergency basis, and that if the national defense is to be adequately provided for in the scientific field, workers, whether in biology or the physical sciences, must be adequately recruited, recognized, remunerated, and provided with security and such administrative allocation as will result in a high degree of efficiency, performance and satisfaction. These fundamental prerequisites the Society of American Bacteriologists believes neither S. 334 nor S. 504 satisfactorily provide for and it urges that due consideration be given to these matters. It deplores a situation, in which the bills offered by the Services, repel rather than attract our finest young men."

#### REPORT OF THE COMMITTEE ON RESOLUTIONS

The Committee on Resolutions for the 47th General Meeting consisting of L. S. McClung, Chairman, L. C. Gunsalus and M. W. Jennison presented the following report at the General Business Meeting of the Society, May 15, 1947:

"Whereas the Eastern Pennsylvania Chapter of the Society of American Bacteriologists through a local committee headed by the energetic young Dr. Morton has provided unusually attractive arrangements for this convention and has introduced new features which have been widely appreciated:

Be it resolved that the Society extend its warm thanks, coupled with commendation and congratulations of their success in making this convention one long to be remembered."

"Whereas the Program Committee, and the Annual Meeting Finance Committee, both ably headed by Dr. W. J. Mungester, has this year met and solved the many new and difficult problems attendant to the arrangement of the scientific program of this convention:

Be it resolved that the Society express to Dr. Mungester and all the members of his committees its deep appreciation and heartfelt thanks."



DECEASED MEMBERS

The Society in General Business Meeting assembled May 15, 1947, paid tribute to the memory of the following deceased members:

James V. Anzulovic	Linda B. Lange	Ward J. McNeal
Theodore Day Beckwith	Winford P. Larson	Joseph McFarland
W. V. Halvorsen	Emanuel Libman	Horatio N. Parker
John Eyre	Bernard A. Linden	Meyer Perlstein
F. W. Kurk	Rose B. Locke	Frithjof Setter
John C. Torrey		Ruth Tunnicliffe

MEMBERSHIP BLANK

It has long been Society procedure to send out an application for membership blank at least once a year with a News Letter. Of course we are always happy to send out such blanks whenever requested and many such blanks are requested. The growth in Active Membership has been most gratifying this year, numbering 421 through July 25th. There are nevertheless, a considerable number of potential active members still unattached to our Society ranging from students and beginners in microbiology to a few full professors and even department heads who are still living a benighted existence as non-members of the S.A.B. For the benefit of any who may be interested in applying for active membership the blank is enclosed.

REPORT OF THE NOMINATING COMMITTEE

The Nominating Committee presents for consideration of the membership the following list of names. (Ballots will be sent to all active members as prescribed by the Constitution before November 1 by first class mail, together with the statements for 1948 dues):

For President:

Conn. Dr. H(arold) J(oel). New York Agricultural Experiment Station, Geneva, N.Y. Middletown, Conn., May 29, '86. Ph.B., Wesleyan, '06; Ph.D., Cornell '11. Asst. Soil technol. Exp. Sta., Cornell, '08-'11; assoc. bacteriologist, N.Y. Exp. Sta., Geneva, '11-'20, chief research soil bact. '20- Lecturer and inst. Hopkins, '15. Chairman, Cmn. Standardization Biol. Stains, '21- Ed. sect. soil Microbiol., "Biol. Abstracts", '26- A.A.; Soc. Bact. (Asst. Ed., "Abstracts" '19-'25, Chrm., com. on bact. technic, '20-, Vice-President, '47); Soc. Agron. Soil bacteriology, fungi in soils; methods of pure culture study; biological stains.

For Vice-President: (One to be elected)

Hammon, Prof. William McD(owell). Hooper Foundation, University of California, San Francisco, California. Epidemiology. Columbus, Ohio, July 20, '04. A. B., Allegheny Col, '32; M.D., Harvard, '36, M.P.H., '38, D.P.H., '39. Instr. epidemiol. sch. pub. health, Harvard, '39-'40; lecturer, Hooper Foundation, Calif., '40-'41, asst. prof. '41-. Lecturer nursing, '40-, trop. med., med. sch., '42- Consultant to Sec'y of War on epidemic diseases, Neurotropic Virus Diseases Cmn, '41- Pub. Health Asn., Soc. Bact. Infectious diseases, particularly those produced by filterable viruses; encephalitis; poliomyelitis.

Schultz, Prof. E(dwin) W(illiam), 743 Cooksey Lane, Stanford University, California. Bacteriology, Pathology. Omira, Wis., Dec. 12, '87. B.S.A., Winona Col, '13; A.B., Michigan, '14; M.D., Hopkins, '17. Junior field director, int. health div., Rockefeller Foundation, '17; instr. bact. and exp. path., Stanford, '19-'20, asst. prof., '20-'21, assoc. prof., '21-'26, prof., '26-, acting exec. head. dept., '20-'23, exec. head dept., '23-; prof. bacter. and path., sch. dentistry, Col. Physicians and

Surgeons, San Francisco, '30-, chairman dept. Mayo Foundation fellow, '21-'22; Guggenheim Mem. Foundation fellow, Europe, '25-'26. Director, Palo Alto Hosp. and Pub. Health Lab. '24-'37; research worker, Labs. Int. Health Council, Alexandria, Egypt, '26; consultant, State Dept. Pub. Health, Calif, '38-; consultant epidemic disease to U. S. Sec'y War, '41- Assoc. mem., Int. Cmt. Study Infantile Paralysis, '31-'32. U.S. del. Int. Cong. Microbiol., London, '36. M.C., '17-'19, Capt. Major, '25-'39. A.A.; Soc.Bact., Soc. Exp. Path.; Soc. Exp. Biol.; Assn. Path. and Bact.; Asn. Immunol.; Fel Pub. Health Asn.; Fel. Am. Med. Asn.; Fel.Soc.Clin.Path.; Calif. Acad.; Calif. Acad. Med.; Int.Asn. Dental Research. Typhus fever; toxicity of carbon tetrachloride; liver repair; fibrinogen; anaphylaxis; bacteriophage; filtrable viruses; poliomyelitis; Listerella.

For Secretary-Treasurer:

Parr, Prof. Leland W(ilbur), George Washington University School of Medicine, Washington, D.C. Bacteriology, Hygiene. Cooksville, Ill., Nov. 2, '92. B.S., Chicago, '16; Ph.D. '23. Instr. physical sciences, Assiut Col, Egypt, '16-'19; assoc. bacter. Chicago, '21-'23; adj. prof. bacter. and hygiene, American Univ. Beirut, '23-'26, chairman path. sciences and assoc. prof. bacter. and hygiene, '26-'30; assoc. prof. hygiene and bacter., Chicago, '30, exten. assoc. prof. bacter., '31-'32; chief bacteriologist, research lab., int. health board, Rockefeller Foundation, Andalusia, Ala., '31-'32; assoc. prof. bacter. sch. med., George Washington, '32-'38, prof., '38-, exec. officer, '39- A.A.; Soc.Bact., (Sec'y-Treas. '44- ); Soc. Exp. Biol.; Asn. Path. and Bact.; Genetic Asn.; Asn. Immunol.; Soc. Exp. Path.; Fel. Pub. Health Asn.; Wash. Acad. (pres. '43). Biological anthropology; intestinal bacteriology, bacterial ecology genetics; tuberculosis.

For Councilor-at-Large: (Two to be elected)

Hartsell, Dr. S(tanley) E(ugene), Purdue University, Lafayette, Indiana. Biology. Benton Harbor, Mich., April 20, '05. B.S. Mich. State Col. '27; M.S., Yale, '29, Ph.D., '33. Instr. biol., Battle Creek Col., '29-'30, asst. prof., '30-'31; instr. animal diseases, Storrs Exp. Sta., Conn. State Col., '34-'36; bacter., Purdue, '36-'43, assoc. prof. '43- Inst. Food Technol.; Soc. Bact.; Pub. Health Asn.; Ind. Acad. General bacteriology; serology; food bacteriology.

Lochhead, Dr. A(llan) Grant, Central Experimental Farm, Ottawa, Ontario, Canada. Bacteriology. Galt, Ont., June 21, '90. B.A., McGill, '11, M.Sc., '12, Ph.D., '19. Lecturer bact., Macdonald Col., McGill, '18-'19; bacteriologist-chemist, Can. Milk Products, Toronto, '19-'21; Malt Products Co., '21-'22; lecturer biochem. Alberta, '22-'23; Dom. agr. bacteriologist, cent. exp. farm and Science Service, Can. Dept. Agr., Ottawa, '23- A.A., Soc.Bact; Can. Soc. Tech. Agr.; Can. Pub. Health Asn.; Fel. Soc. Royal Soc. Can. Agricultural and food bacteriology; soil microbiology; dairying.

MacLeod, Colin M(unro), New York University College of Medicine, 477 1st Avenue, New York City, N.Y. Born--'09. M.D., McGill, C.M., McGill. Prof. N.Y. Col. of Med. Chairman of the department. Am. Soc. Clin. Invest.; Soc. Bact.; Am. Asn. Immunol. Etc. Viruses and diseases of the respiratory tract.

Bake, G(eoffrey) W(illiam), Squibb Institute for Medical Research, New Brunswick, N.J. Bacteriology. Fordingbridge, Eng., Oct. 18, '04. M.C., B.S., London, '28, L.R.C.P., '27. House physician, Guy's Hosp., '27-'28; asst. and instr. path., Hopkins, '28-'31; asst. Rockefeller Inst., '31-'34, assoc., '34-'36, research assoc., Connaught labs., Toronto, '36-'37 head div. microbiol., Squibb Inst. Med. Res., '37- Stokes traveling scholar, '29-'30. Summer, voluntary asst., Path. Inst. Heidelberg, '30. Beaney prize Rettlinger prize, Hilton prize; Stokes prize, Treasurer's medal. Soc. Exp. Biol.; Epidemiol. Soc.; Asn. Immunol.; Harvey Soc.; fel. Royal Soc. Med. Achalasia of cardia; nephritis; thyrotoxic heart; meningococcus; pneumococcus; measles; lympho-granuloma venereum; chemotherapy; antibiotic substances.

Biographic data are not furnished by the nominating committee but is taken, when available, from the last edition of American Men of Science. It is otherwise put together in the office. We hope that all members of the Society will submit bibliographies whenever requested to do so for such publications which are widely used and which ensure a reasonably uniform treatment of the subject matter.

#### REVISION OF THE CONSTITUTION

By-Laws to the constitution of the Society provide that abstracts of the annual meeting papers shall be published in the Journal of Bacteriology. At the present time the Journal of Bacteriology is taxed to its utmost to provide space for prompt publication of the better papers in the field of microbiology. It can ill afford to surrender one-twelfth of its space for the publication of the Abstracts. These abstracts have always been pre-printed and all who attend the meeting have already had them when the June or July number of the Journal appears with them again. The problem of indexing is also complicated. The matter was fully discussed by the Council at Philadelphia and it was decided to recommend to the Society that seven words be stricken from paragraph "f" of section 6 of the By-Laws, namely "shall be published in the Journal of Bacteriology." The recommendation does not mean that the abstracts shall not be published, only that they do not have to be published in the Journal of Bacteriology. The Chairman of the Program Committee and the Editor of the Journal were requested by President Francis to study the problem of printing the abstracts of annual meeting papers and report to the Council in time for a definite policy to be formulated regarding the 1948 annual meeting. These matters were presented to the Society at its open general business meeting, Thursday, May 15, 1947 at Philadelphia and it was voted to submit to the Society for mail ballot the proposition to delete seven words from the By-Laws as noted above. This proposition will appear for vote "yes" or "no" on the ballot to be sent out under first class mail before October 15th.

#### S. A. B. 1947 DIRECTORY

With the October News Letter you will receive a copy of the 1947 Directory which will contain almost 3200 names of members of all categories, the Constitution of the Society, and certain other data regarding Council personnel, past Presidents, and so on. Every effort has been made to eliminate errors and omissions. We know there will be some for we have a few members on the rolls whose addresses are incorrect since first class mail to some has been returned. Please call to our attention errors which may come to your notice so that additions or corrections can be published in subsequent News Letters.

#### NOTICE TO NEW MEMBERS AND TARDY RENEWALS

We have just been notified by the publisher of the Society publications that the supply of the journals for the first half of the year 1947 is now exhausted. Paper is still scarce of the kind used for books and journals, production costs are high, and as a result the continued rapid growth of the Society and the very high percentage of renewals has put demands on the publisher greater than he had planned to meet. Happily, there are very few who have already paid for 1947 who will be affected as against about a hundred last year. It is necessary, however, to announce that where \$7.50 is sent in, \$4.00 will be credited to 1947 and \$3.50 to 1948. Renewals for 1947 or new members wishing to avail themselves of as much of the 1947 benefits of membership as possible may simplify matters by sending in \$4.00. Book-keeping would be cut down by sending in \$11.50 to pay for the last half of 1947 and for all of 1948.

May we urge all regular members to renew promptly when billed for 1948 in order to avoid the possibility that a delay may bring about a break in the journal files.



May we also say that it has been the custom for some time to enter all new memberships received late in any year for the next year. New members applying after October 1 will be put on the lists as soon as possible but will receive credit and publications for 1948.

#### JOURNAL SERVICE IN THE OFFICE OF THE SECRETARY-TREASURER

The office of the secretary-treasurer has nothing at all to do with subscriptions to our publications made by non-members, schools, and so on. They are placed directly with Williams and Wilkins at Baltimore, Maryland, and on terms listed on the cover of each publication.

The subscriptions of members and changes of address are handled by this office and should always come to us. There are two sets of plates for each member, one in this office and one in Baltimore. Both should be changed whenever a new address is submitted. Some delay naturally occurs so advance notice should be given when possible. Journals are not forwarded but are returned to the publisher at his expense, provided of course that your former colleague does not receive and keep your journal mail or that the mail clerks in your former office do not cooperate with the postal authorities in such matters.

We are glad to receive odd copies of the publications and indeed whole back number volumes. These are available without charge to members who need them to fill gaps in their files. With very rare exceptions we cannot pay for these back numbers and such as we have are sent out at no cost as a service to members.

We should say also that culture charts, manual of methods, etc. are to be obtained from Biotech Publications, Geneva, N.Y. (Dr. H. J. Conn) and that the American Type Culture Collection is not at this office but, for the time being, at Georgetown Medical School, 3900 Reservoir Road, Washington 7, D.C. We are glad to know of the placement problems of our members and can sometimes help out but our Director of the Placement Bureau is Dr. Carl Pederson of the N.Y. State Agr. Exp. Station at Geneva, N.Y.

#### NEWS OF INTEREST

At sessions for the presentation of scientific papers at the 1947 meeting of the National Academy of Sciences two papers were presented by S.A.B. members, - M. Demerec, on mutations; and John R. Paul, on poliomyelitis. At the 1947 elections of members no microbiologist was honored with membership.

Bayne-Jones, Stanhone (Past President, 1930) on July 1 took up his new position as President of the Joint Administrative Board of the New York Hospital-Cornell Medical Center.

P. R. Elliker of the Dairy Department of Purdue University, becomes Professor of Dairy Bacteriology at Oregon State College, Corvallis, with the opening of the 1947-1948 academic year.

Sanford Elberg of the University of California at Berkeley has a letter from Abdul Majid, president of the University of Kabul, Afghanistan, asking the support of American Bacteriologists in rebuilding the reprint collection of his University to which nothing in this field has been added since 1940.

John F. Enders has been appointed Director of the Research Department of Infectious Disease at the newly organized Children's Hospital in Boston.

John C. Garey has been appointed Associate Professor of Bacteriology, effective August 1, at the Pennsylvania State College.

Shirley Ann Kibb, a new member of the S.A.B. owes that membership to her interest and ability in microbiology which was recognized by the University of Maryland. Each year in this University the Department of Bacteriology designates the outstanding student of the year whose name is engraved on a plaque in the office and who is nominated for membership in the Society.

Norman Laffer is the nominee of the American Society of Professional Biologists for President. Many of our members have followed with much interest the evolution

and growth of this organization and are pleased to note that a full organization, including constitution, officers and other Society appurtenances have now been effected. Four issues of volume one of the News Letter have appeared, the last a particularly attractive, illustrated four-page number. Other S.A.B. members who are nominated for positions in this new Society are: Martin Dupray, Alfred A. Draper, Gustav J. Martin, Gordon E. Davis, Helen Norris Moore, and Isabella G. Shaub.

The New York Academy of Medicine has now recognized the request of a group of microbiologists of that body for the organization of a section in that field.

William H. Peterson delivered the Seventh Harvey Lecture of the current series at the New York Academy of Medicine on April 17. His topic was: "Factors affecting the kinds and quantities of penicillin produced by molds."

William Reiner-Deutsch is now Director of Research of Industrial Testing Laboratories, New York City. He joined this company as microbiologist after his release from active military service in 1946.

Thomas M. Rivers (Past President, 1936) delivered the Cutter Lecture on Preventive Medicine at Harvard Medical School on April 22, his subject being: "Certain public health aspects of infectious diseases."

Randall L. Thompson may now be addressed at the Department of Microbiology, Indiana University Medical Center, Indianapolis 7. He is chairman of our Committee on Teaching. The University of Indiana has had heretofore a combined department including Preventive Medicine headed by the well known writer and administrator in that field, Thurman B. Rice.

George Rockwell was recently chosen President-Elect of the American College of Allergists at its recent meeting in Atlantic City.

William D. Rosenfeld accepted a position July 1 as Principal Microbiologist for Standard Research, Inc., a subsidiary of the Standard Oil Company of California. His previous position as Research Associate at the Scripps Institution of Oceanography has been taken by David M. Udegraff.

H. J. Stafseth, professor of pathogenic bacteriology at Michigan State College has been appointed Head, Department of Bacteriology and Public Health, and Director of Biological Sciences. He recently returned from China where he served as a technical adviser to the Chinese Ministry of Agriculture.

Mortimer P. Starr is now at Davis, California in the Division of Bacteriology of the University.

Selman A. Waksman (Past President, 1942) received the Passano Award at Atlantic City, June 11, during the Centennial Meeting of the American Medical Association. The 1947 award was made "for the most outstanding recent American contribution to the science of medicine and the alleviation of human ills." He also received an Honorary Degree of Doctor of Science at Princeton University June 17, along with President Truman, Chief Justice Vinson and General Eisenhower, among others.

C.-E.A. Winslow (Past President, 1913, Honorary Member) was honored at a recent dinner at New Haven by 150 faculty associates and Yale graduates from Dr. Winslow's former department. He was presented with the first copy of the March, 1947 number of the Yale Journal of Biology and Medicine which is entirely devoted to papers by his former students and which contains a bibliography of 574 titles of books, reports and articles written by Professor Winslow during the past fifty years. The Winslow Public Health Seminar Fund was announced which will in the future provide for prominent visiting lecturers for Yale public health seminars.

Claude E. ZoBell has been awarded a special fellowship by the Rockefeller Foundation which provides a year of travel and study in European research laboratories.

Recent new active members from other areas than Canada and the United States include:

Rafael Angel Cartin of San Jose, Costa Rica

Mercedes de la Garza of Monterrey, Mexico

Aurelio Malaga-Alba of Lima, Peru

Tien-hsing Yieh of Shanghai, China  
 A. Bustinza of Madrid, Spain  
 David W. Henderson of Salisbury, England  
 Octavio de Magalhaes of Gerais, Brazil  
 Manuel Moreiva-Jacob of Lisbon, Portugal  
 Oswaldo Viscarrondo R. of Caracas, Venezuela

Added to the list of Emeritus Members are: (Total number of such members now 28)

Ward Giltner

Ida A. Bengtson

George W. Stiles

Margaret Neumann

L. W. Famulener

#### LOCAL BRANCH NEWS

##### Northern California-Hawaiian Branch. (M. Doudoroff, Secretary-Treasurer)

A meeting of the Northern California-Hawaiian Branch was held at Lane Hall of the Stanford University Medical School on Saturday, June 14, 1947. Mr. E. I. Sugarman was elected Councilor for the local group to serve until the next election to fill the vacancy occasioned by removal of Dr. Saudek from this area. The following program was presented.

1. Selective blood factors affecting bacterial variation, by Werner Braun, Department of Veterinary Science, University of California, Berkeley.
2. Penicillin Stability in phosphate, acetate and citrate buffers, by John O. Thomas, Cutter Laboratories, Berkeley.
3. An improved technique for bacteriological culture studies, by Phillip J. Brady and Paul Essau, Research Laboratories, California Packing Corporation, San Francisco.
4. Decomposition of tartrates by some mesophilic clostridia, by Joseph Tabachnick, Food Technology Division, University of California, Berkeley.

##### Southern California Branch. (Charles F. Palt, Secretary-Treasurer)

The following scientific papers were presented at a meeting of the Southern California Branch held at the University of California at Los Angeles, Tuesday evening, March 18th:

1. Technics of antibiotic assay, by Erick Barrett and Emil Bogen, Olive View Sanatorium, Olive View. (Limitations and modifications of present technics were presented and discussed.)
2. Anaerobic hydrogen, transfers affecting fatty acids, by William D. Rosenfeld, Scripps Institution of Oceanography, La Jolla.
3. Phenol production by marine bacteria, by David M. Updegraff, Scripps Institution of Oceanography, La Jolla.
4. The Antagonistic Effect of Bacillus cereus, by R. J. Goodlow, C. W. Johnson, and M. V. Shafer, University of Southern California, Los Angeles.
5. Antibacterial action of hexenolactone, by James W. Bartholomew, University of Southern California, Los Angeles.
6. Some characteristics of the species Klebsiella rhinoscleromatis, by M. G. Levine and R. E. Hoyt, College of Medical Evangelists, Los Angeles.
7. The nature, properties and toxicity of subtilin and its chemotherapeutic effect on the course of experimental infections in animals, by Gregory J. Jann, University of California at Los Angeles, Los Angeles.

##### Indiana Branch. (Alfred Stanley, Secretary-Treasurer)

The Indiana Branch met in the Biology Building on the University of Notre Dame campus on Friday, May 2nd at which time the following papers were given:

1. Studies on the microbiological determination of carbohydrates, by T. D. Luckey, Notre Dame University, Notre Dame.



2. Lysozyme activity of rehydrated spray - dried whole - egg powder, by S. E. Hartzell, Purdue University, Lafayette.
3. False Ramon flocculation tests, by B.A. Teah, Notre Dame University, Notre Dame.
4. An antibiotic from a wild strain of white aspergillus, by Helen M. Ketchum, Leonard B. Schweiger, and Mario A. Batti, Miles Laboratories, Inc., Elkhart.
5. The identification of an antibiotic produced by a white aspergillus as penicillin, by Leonard B. Schweiger, Alfred H. Free, and Helen M. Murray, Miles Laboratories, Inc., Elkhart.
6. Common mechanism of action of streptomycin and streptothricin, by Nathan E. Greear, Jr., and Nestor Bohonos, Purdue University, Lafayette.

Kentucky-Tennessee Branch. (James C. Humphries, Secretary-Treasurer)

The regular spring meeting was held in Cherry Hall at the Western Kentucky State Teachers College, Bowling Green, Kentucky, on April 26th. During the scientific session the following presentation of papers was made:

1. Alcoholic fermentation under reduced pressure, by M. C. Brockmann, Joseph E. Seagram & Sons, Inc., Louisville, Kentucky, and T. J. B. Stier, Department of Physiology, Indiana University, Bloomington, Indiana.
2. The oxidation of carbohydrates by a surface strain of Penicillium notatum, by Frederick T. Wolf, Department of Biology, Vanderbilt University, Nashville, Tennessee.
3. A survey of the potability of well waters in central Kentucky, by Rafael A. Cartin and R.H. Weaver, Department of Bacteriology, University of Kentucky, Lexington, Ky.
4. A study of Salmonella pullorum and Shigella gallinarum rapid and tube antigens in determining reactors by the agglutination test, by Dale O. Galloway, Department of Bacteriology, University of Tennessee, Knoxville, Tennessee.
5. A quick microtechnique for the detection of hydrogen sulfide production of bacteria, by M. Lorraine Morse and R. H. Weaver, Department of Bacteriology, University of Kentucky, Lexington, Kentucky.
6. A rapid method for the detection of bacterial contamination in submerged mold cultures, by W. C. Schneider, S. L. Adams, and W. H. Stark, Joseph E. Seagram & Sons, Inc., Louisville, Kentucky.
7. Attempts to grow Endamoeba histolytica in the absence of actively multiplying bacteria, by James G. Shaffer, Vanderbilt University School of Medicine, Nashville, Tennessee.

Maryland Branch. (Patricia Haugh, Secretary)

At a meeting held on April 22nd at the Sears Community House, the following program was presented to members and guests of the Maryland Branch:

1. Some observations on the nutritional requirements of bacteria in the genus Microbacterium, by Raymond N. Doetsch and Michael J. Pelezar, Jr., University of Maryland, College Park.
2. Simple method for the evaluation of anti-fungal substances, by C. Baxter McLaughlin, Hynson, Westcott & Dunning, Baltimore.
3. The history of the Maryland Branch of the Society of American Bacteriologists, by Barnett Cohen, Johns Hopkins Medical School, Baltimore.
4. Studies on Trichomonas vaginalis, by Raymond Trussell, University of Iowa School of Medicine, Ames, Iowa.

Michigan Branch. (Elizabeth J. Cope, Secretary-Treasurer)

The Michigan Branch meeting on June 12th was held in the auditorium of the Herman Kiefer Hospital in Detroit. The following scientific papers were presented:

1. The incidence of Enterococci in human feces, by Morris White, Joseph A. Kasper, and Elizabeth J. Cope, Detroit Department of Health, Detroit.
2. A comparison of the antigenic properties of cholera strains recovered from a recent epidemic, by J.J. Huang, Chinese National Institute of Health, Nanking, China.
3. A actinophage in streptomycin producing cultures of S. griseus, by R.M. Smith, W. H. Kuhn and G. Miesel, Parke Davis and Co., Detroit.
4. China, by H. J. Stafseth, Michigan State College, East Lansing.

New York City Branch, (John E. Blair, Secretary-Treasurer)

On June 13th members of the New York City Branch were the guests of the Lederle Laboratories Division, American Cyanamid Company, at Pearl River, New York. In small personally conducted groups of 8 to 12 persons each, the members visited the penicillin plant, virus laboratories, liver extraction plant, animal buildings, and the several laboratories for the processing, testing and packaging of a variety of sera, vaccines and other products for the diagnosis and treatment of human and veterinary diseases. After lunch, which was provided through the courtesy of the host, brief talks were given by Drs. Mark Welsch and T. H. Jukes, of the Laboratory staff. Dr. Walsh described the relation of microbiology to certain veterinary problems, and Dr. Jukes discussed problems of nutrition with special reference to bacteriology.

Eastern New York Branch, (Sophia M. Cohen, Secretary-Treasurer)

The regular spring meeting of the Eastern New York Branch was held on Friday evening, April 18th, at Samaritan Hospital, Troy, New York. The following program was presented:

1. Study of Hemophilus pertussis by means of the electron microscope, by Julia M. Coffey and Sophia M. Cohen, Division of Laboratories and Research, State Department of Health, Albany.
2. The propagation of lymphocytic choriomeningitis virus in embryonated hens' eggs, by Lisbeth M. Kraft and Irving Gordon, Division of Laboratories and Research, State Department of Health, Albany.
3. The effect of soil actinomycetes and pH on the MM-strain of poliomyelitis virus, by Albert Schatz, Division of Laboratories and Research, State Department of Health, Albany.
4. Recent advances in the diagnosis of human viral diseases, by Hilary Koprowski, (by invitation), Section of Viral and Rickettsial Research, Lederle Laboratories Division, American Cyanamid Company, Pearl River, New York.

Ohio Branch, (H. H. Weiser, Secretary-Treasurer)

The following papers were given at the spring meeting of the Ohio Branch held on April 12th at Miami University, Oxford, Ohio:

1. Relation of age of polymorphonuclear leukocytes to phagocytosis in monkeys inoculated with Streptococcus hemolyticus, by Samuel Saslaw and Charles A. Doan, The Children's Hospital, College of Medicine, The Ohio State University, Columbus.
2. Cytopathological responses of tissue cultures inoculated with agents from Hodgkin's disease and lymphomatosis, by Jackson W. Riddle, Miriam S. Flower, Margaret S. Reiman and Herman A. Hoster, Department of Bacteriology and Medical Research, The Ohio State University, Columbus.
3. A maximum dilution method for the quantitative determination of pneumococcal polysaccharide in solution, by Curtis Sandage and Orton K. Stark, Department of Botany and Bacteriology, Miami University, Oxford.
4. Some properties of a mucopolysaccharide isolated from a strain of Clostridium perfringens, Alfred A. and Alice G. Tytell, Department of Biological Chemistry, University of Cincinnati, Cincinnati.
5. The nutritional requirements for Clostridium welchii. (C. perfringens), by M. John Boyd and Milan A. Logan, Department of Biological Chemistry, University of Cincinnati, Cincinnati.
6. Immunization of mice with dysentery antigen administered by gavage and by voluntary drinking, by Merlin L. Cooper and Helen M. Keller, The Children's Hospital Research Foundation, University of Cincinnati, Cincinnati.
7. Isolation of a strain of Escherichia coli pathogenic for the rabbit's eye from a patient with diarrhea, by Isaac Ruchman and Katharine Dodd, The Children's Hospital Research Foundation, University of Cincinnati, Cincinnati.
8. The serological diagnosis of endemic typhus in epidemic-immunized individuals, by Harry A. Feldman, The Children's Hospital Research Foundation, University of Cincinnati, Cincinnati.

9. Biochemical studies of a soft X-ray mutant of Aspergillus niger van Tiegham, by Biolet M. Diller, Alfred A. Tytell and H. Kersten, Department of Physics and Biological Chemistry, University of Cincinnati, Cincinnati.
10. Accelerated production of poliomyelitis in cotton rats, by J. A. Toomey, W. S. Takacs and P. P. Pirone, Department of Contagious Diseases, Cleveland City Hospitals, Cleveland.
11. The effects of malic and malonic acids on methylene blue reduction by bacteria, by Chester I. Randles and Jorgen M. Birkeland, Department of Bacteriology, The Ohio State University, Columbus.

Eastern Pennsylvania Chapter, (Amedeo Bondi, Jr., Secretary-Treasurer)

The 194th meeting of the Eastern Pennsylvania Chapter was held on Tuesday Evening, April 22nd in the auditorium of the Philadelphia County Medical Society Building, Philadelphia. The scientific program presented was as follows:

1. Air sampling performances, by W. F. Wells and Cretyl Crumb, Laboratory of the Study of Air-borne Infection, School of Medicine, University Pennsylvania, Philadelphia.
2. Epidemic influenza A among a recently-vaccinated population: Isolation of a new strain of influenza A virus, by M. Michael Sigel, F. W. Shaffer, and Werner Henle, Department of Pediatrics and Children's Hospital, School of Medicine, University of Pennsylvania, Philadelphia.
3. A serological type of paracolon bacillus as probable cause of an epidemic of gastroenteritis, by T. F. McNair Scott, Lewis L. Coriell, Harriett Davis, and B. H. Boltje, Department of Pediatrics and Children's Hospital, University of Pennsylvania School of Medicine, Philadelphia.
4. Studies on the virus of epidemic paraotitis, by Gertrude Henle and Susanna Harris, Department of Pediatrics and Children's Hospital, School of Medicine, University of Pennsylvania, Philadelphia.
5. The relationship between the height of naturally acquired antibody and the agglutinative response to immunization with H. pertussis vaccine, by Aims C. McGuinness, Harriet Felton, and Cecelia Willard, Department of Pediatrics and Children's Hospital, School of Medicine, University of Pennsylvania, Philadelphia.

Texas Branch, (Charles E. Lankford, Secretary)

The spring meeting of the Texas branch was held on April 26th at the University of Texas, Austin. The following program was presented:

1. Spore germination in Clostridium botulinum, by E. Staten Wynne and J. W. Foster, Department of Botany and Bacteriology, The University of Texas, Austin.
2. A comparison of B. anthracis with B. Cereus: Differentiation without regard to motility or virulence, by Kenneth L. Burdon, Department of Bacteriology and Immunology, Baylor University College of Medicine, Houston.
3. The use of beef serum as a diluent for chick membrane smallpox vaccine, by Patti N. Crain, Biologics Division, Bureau of Laboratories, Texas State Department of Health, Austin.
4. Identification of an ornithosis-like strain from the Willet, by M. Pollard, The University of Texas, Medical Branch, Galveston.
5. Recovery of Q fever rickettsiae from specimens after prolonged storage, by Lill R. Skinner, Billie Jo Colquitt, and J. V. Irons, Bureau of Laboratories, Texas State Department of Health, Austin.
6. Three-day fever, by Dwight M. Kuhns, Army Area Laboratory, Brooke Army Medical Center, Fort Sam Houston.
7. Altering drug resistance, by Orville Wyss, Department of Botany and Bacteriology, The University of Texas, Austin.
8. Mycomycin--a new antibiotic produced by a mold-like actinomycete active against the bacilli of human tuberculosis, by Edwin A. Johnson and Kenneth L. Burdon, Department of Bacteriology and Immunology, Baylor University College of Medicine, Houston.



9. A factor toxic to Br. abortus in some lots of bacto tryptose, by V. T. Schuhardt and L. J. Rode, Brucellosis Research Project of the Clayton Foundation and the University of Texas, Austin.
10. Certain factors affecting urinary 17-ketosteroid determinations, by Donald M. Goss, Adellia Peterson, Wm. F. Hettler, Army Area Laboratory, Brooke Army Medical Center, Fort Sam Houston.
11. The mosquitoes of North America, with special reference to the mosquitoes of Texas, by Myrtle E. Rueger, Curtis Saunders, Wm. F. Hettler, Army Area Laboratory, Brooke Army Medical Center, Fort Sam Houston.
12. Complement fixation in the diagnosis of disease, by Louis H. Muschell, Army Area Laboratory, Brooke Army Medical Center, Fort Sam Houston.
13. Biochemical transformations as determined by competitive analogue--metabolite growth inhibitions, by William Shive, Biochemical Institute, The University of Texas, Austin. (by invitation)
14. The poliomyelitis virus in the developing chick embryo, by M. Pollard, C. D. Caplowitz and C. Swausch, The University of Texas, Medical Branch, Galveston.
15. Coproantibody titration as a diagnostic aid in enteric infections, by Preston E. Harrison, Department of Bacteriology and Immunology, Baylor University College of Medicine, Houston.
16. Experiences with autolyzed brain tissue in the transmission of experimental poliomyelitis, by S. Edward Sulkin, Elizabeth L. Watson and Cleo H. Terry, Department of Bacteriology and Immunology, Southwestern Medical College, Dallas.
17. The destruction of hyaluronic acid by capsulated strains of group A. streptococci, by Robert M. Pike and Nadine Salem, Department of Bacteriology and Immunology, Southwestern Medical College, Dallas.

#### Washington (D.C.) Branch. (W. Bohrer, Secretary-Treasurer)

The 156th meeting of the Washington Branch was held at the Fish and Wildlife Building on the campus of the University of Maryland Tuesday evening, April 22nd. The following papers were given:

1. Studies with Shigella dysenteriae (Shiga). I. infection and toxin action in mice, by Sara E. Branham and Sadie A. Carlin, Biologics Control Laboratory, National Institute of Health, Bethesda, Maryland.
2. The effects of lactobacilli on the quality of Cheddar cheese made from pasteurized milk, by Ralph P. Tittler, George P. Sanders, Homer E. Walter, Donna S. Geib, Oscar S. Sager and Harry R. Lochry, Bureau of Dairy Industry, Agricultural Research Administration, U.S. Department of Agriculture, Washington, D.C.
3. Inhibitions of fermentation of lactose by coliform bacteria in the presence of pseudomonas cultures, by Victor H. Bertullo and Leslie A. Sandholzer, Fishery Technology Laboratory, Department of the Interior, College Park, Maryland.

#### Northwest Branch. (Esther A. Duchow, Secretary-Treasurer)

At the fourth meeting of the Northwest Branch held at the University of Washington on April 5th, the following officers were elected: Chairman, Erling J. Ordal, University of Washington, Seattle; Councilor, R. E. Hungate, State College of Washington, Pullman; Secretary-Treasurer, Esther A. Duchow, University of Washington, Seattle. The scientific program consisted of the following papers:

1. Attempts to repeat the Chase experiment on passive transfer of tuberculin sensitivity, by Russell S. Weiser, Department of Microbiology, University of Washington School of Medicine, Seattle.
2. Attempts to isolate tubercle bacilli from arterial blood of man, by Waldemar F. Kirchheimer, Department of Microbiology, University of Washington School of Medicine, Seattle.
3. Hydrogen peroxide metabolism of lactic acid bacteria, by H. C. Douglas, Department of Microbiology, University of Washington School of Medicine, Seattle.
4. Discovery of a bacteriophage against Mycobacterium smegmatis, by Grace M. Gardner, Department of Microbiology, University of Washington School of Medicine, Seattle.
5. Studies on the thermophilic cellulose decomposers, by Mr. McBee, Department of Bacteriology and Public Health, State College of Washington, Pullman.

# NEWS ABOUT BOOKS: BOOK REVIEWS

The following items have been received by this office:

- 1.-Modern Development of Chemotherapy (A Monograph on the Progress of Research in Holland) by E. Havinga, H.W.Julius, H.Vedstra and K.C.Winkler. Published in 1946 by Elsevier Publishing Company, Inc., 215 Fourth Avenue, New York 3. Paper, 175 pages, \$3.50. One section of about fifty pages deals with bacteriological investigations.
- 2.-The Relation of Diseases in the Lower Animals to Human Welfare, by W.A.Hagan, H.R.Cox, W.H.Feldman, I.F.Huddleson, H.N.Johnson, R.A.Kelser, J.V.Klauder, K.F.Meyer, C.D.Stein and W.H.Wright. Published in 1947 by the New York Academy of Sciences. Paper, 223 pages, numerous tables, references and plates, \$2.50. Being a record of proceedings of a Conference on the Relation of Diseases in the Lower Animals to Human Welfare, held by the section of Biology of the Academy, March 15 and 16, 1946. The New York Academy of Sciences produces irregularly, but at short intervals, monographs of this type which are invaluable. All fields of interest of the Academy are represented. Not all fall within our purview as for instance recent monographs on Folic Acid, Blood Grouping, Muscle Contraction, and so on. Every institutional library should arrange to receive these publications as issued.
- 3.-Germ-Free Life Studies, A Lobund Report, edited by James A. Reyniers. Papers, 120 pages, published in 1946 by the University of Notre Dame. Lobund means "Laboratories of Bacteriology, University of Notre Dame." Possibly not all of our members know of the unique and highly valuable work Professor Reyniers and his colleagues have been carrying on for years at Notre Dame. They should.
- 4.-Cavy Management, by F.G.Carnochan. A fourteen page brochure published by Carworth Farms, Inc., New York City, N.Y. Not recent, but recently received. Much useful information, concisely put. Illustrated. Copies available for 25¢.
- 5.-Applications of Germicidal, Erythemat and Infrared Energy, by Matthew Luckiesh, Director, Lighting Research Laboratory, General Electric Company, Nela Park, Cleveland. Published, 1946, at 250 Fourth Avenue, New York, by D.Van Nostrand Company, Inc. Cloth, 463 pages, \$5.50. The latest in a considerable series of books by our valued member, Dr. Luckiesh.
- 6.-Diseases transmitted from Animals to Man, by Thomas G. Hull with the assistance of the following contributors: Charles Armstrong, R.E.Dyer, E.C.Faust, W.H.Feldman, Robert Graham, W.A.Hagan, I.F.Huddleson, R.A.Kelser, J.V.Klauder, C.D.McGilvray, K.F.Meyer, H.F.Smyth, F.L.Soper, and F.D.Weidman. Published 1947 by Charles C. Thomas, Springfield, Illinois. Cloth, 571 pages, \$10.50, 66 tables, 75 figures, number of references conservatively limited to the most significant only. This is a third edition but represents practically a new book. The material is presented with four types of readers in mind,-- veterinarian, physician, research worker, and health official. Thirty-eight chapters are classified in five sections,-- Diseases of domestic animals and birds, Diseases of rodents and wild animals, Human diseases spread by animals, Animals as passive carriers of disease organisms, and A review of the role played by each animal in the spread of disease. A valuable book.
- 7.-Proposed Bacteriological Code of Nomenclature, by R.E.Buchanan and Ralph St.John-Brooks, Iowa State College Press, paper, 61 pages, 1947. Dr. Buchanan has prepared the following abstract:  
 "The Code proposed was developed from proposals approved by the International Committee on Bacteriological Nomenclature at the meeting of the Third International Congress for Microbiology. Publication authorized by the Plenary Session of this Third Congress was made the function of the Judicial Commission.  
 "The Foreword summarizes all international actions that have related to bacterial nomenclature. A short section on, 'General Considerations,' defines the terms, principles, rules, recommendations and provisions as used in the code. Chapter I headed, 'General Principles,' outlines twelve principles basic to the development of

a stable nomenclature. Chapter II lists the proposed 28 rules and 22 recommendations. Chapter III outlines provisions for modification and amendment of the rules, for development of a list of nomina conservanda, a list of nomina rejicienda, authorization for a Nomenclature Committee and for a Judicial Commission with a list of functions of each.

"An appendix records the three opinions on nomenclatural matters that have been approved by the Nomenclature Committee and by Plenary Sessions of the several congresses.

"The proposed code is to be presented for amendment and action by the Fourth International Microbiological Congress meeting in Copenhagen, Denmark in July, 1947."

#### GRADUATE FELLOWSHIPS

The University of Maryland Schools of Dentistry and Pharmacy have available two graduate fellowships in Bacteriology which carry stipends of \$1,000.00 and \$1,100.00. They offer an opportunity to complete work toward an advanced degree in bacteriology.

The holders of the fellowships will be expected to work 15 hours per week assisting in teaching and research. An undergraduate degree in biological sciences is required. Direct inquiries to: Dr. Donald E. Shay, Head, Department of Bacteriology, Schools of Dentistry and Pharmacy, University of Maryland, 32 South Greene Street, Baltimore 1, Maryland.

#### QUESTIONNAIRE

With the April News-Letter was mailed out a questionnaire dealing with one's professional training, experience and war record. Three thousand of these were printed and all were mailed out. To date 1,120 have been returned. These are turned over as they come in to the National Research Council which in conjunction with the war department is conducting the analysis. About 70% are filling out the blank completely and some 30% prefer not to record their present salaries. This is a perfectly optional matter. So many have chosen to set down their salary that we wish to call this matter to the attention of those who have not yet sent in the filled out blank. If this aspect of the questionnaire is to be useful in determining professional matters it must be based on a broad sampling of data. We have enough now to know that full professors interested in microbiology receive from \$3,000 to \$11,000 per year. Is the three or four thousand dollar man an exception about whose situation nothing is to be done or are there a lot like him about whom possibly something can be done? What can a young Ph.D. earn, - what are they earning? How many women are there in microbiology and what do they make? What can a Ph.D. hope to be earning by the age of forty? We wish to urge those who have not sent in this questionnaire to do so. All information submitted is confidential and will be used, if at all, in the interests of the national defense, the betterment of the status of professionals in the armed forces, and the improvement of the lot of the scientist generally. No questionnaire is ever returned 100% except under extremely unique circumstances. This one, however, is important enough to warrant the hope that at least five hundred more will be received. We have no more to send out to new members who may not have received the April News-Letter.

#### 1948 ANNUAL MEETING

##### General

The Forty-Eighth Meeting of the Society of American Bacteriologists will be held next May in Minneapolis as noted elsewhere in the News-Letter in the report of "Transactions of the Council." The Local Committee Chairman will be Dr. H. O. Halvorson of the University of Minnesota. Likely the Hotel Nicollet will be headquarters. It is not too early to begin making plans to attend. If you plan to present a scientific paper on this occasion remember that time passes and it will not be long before the call for titles and abstracts of such papers will go out.



## NEW MEMBERS OF THE SOCIETY

April 3 - 30, inclusive

## For Active Membership:

Abeling, Edwin John	549 Patton Ave., San Jose, California
Allen, Franklin H.	172 East 3rd North, Provo, Utah
Allen, Robert M.	Dept. of Bact., U. of Nebr., Coll. of Medicine Omaha 5, Nebraska
Becker, Maurice E.	R. 1, Box 197, Albany 3, New York
Cartin, Rafael Angel	Calles 5a y 7a Ave. 5a, San Jose, Costa Rica
Castellani, Anthony G.	Am. Meat Inst., U. of Chicago, Chicago, Ill.
Coulson, Mrs. Maryann	14356 Greenleaf St., Sherman Oaks, California
Cryst, Elizabeth Early	5482 South Greenwood, Chicago 15, Illinois
Cunningham, Helen Patricia	7021 Chew Street, Philadelphia 19, Pa.
Dufrenoy, Jean	College of Pharm., U.C. Med.Center, San Fran., Cal.
Echert, Jacquelyn	1235 W. Broad St., Columbus 8, Ohio
Fahmy, Mohamed	2005 Monroe Street, Madison, Wisconsin
Fang, C. T.	Dept. Plant Path., U. of Wis., Madison, Wis.
Feeney, Robert E.	Western Reg. Res. Lab., Albany, California
de la Garza, Mercedes	Guerrero Sur 220, Monterrey, Mexico
Gemar, Frank	U.S. Marine Hospital, Carville, Louisiana
Goldschmidt, Eugene	Lederle Lab., American Cyanamid Co., Pearl River, Gordon, L.E. (N.Y.)
Hansen, Rexford	Squibb Institute, New Brunswick, N.J.
Harding, Harry B.	8515 South Bishop St., Chicago, Illinois
	Northwestern Med.Sch., 303 E. Chicago Avenue, Chicago, Illinois
Harned, Roger L.	Commercial Solvents Copr., Terre Haute, Ind.
Hatch, Alden B.	Bristol Laboratories, Syracuse 1, New York
Hawkins, Orville J.	Quality Control Lab., 2276 Como Ave., St.Paul 8
Hollenbeck, A.E.	R.R. 3, Box 74, Apt. 5, Anderson, Indiana
Holt, Rufus Leroy	A.M.D. Res. & Grad.Sch., Army Med.Sch., Wash., D.C.
Hosmer, Catherine	966 East First South, Salt Lake City, Utah
Johnson, Sylvia J.	67 North Middletown Road, Pearl River, New York
Kelser, Raymond A.	Sch. of Vt. Med., U. of Pa., Philadelphia, Pa.
Lawson, George McLean	Dept. Prev.Med. & Bact., Med.Sch., U.Va., Charlottes- ville, Virginia
Malaga-Alba, Aurelio	Malecon Cisneros 280, Miraflores, Lima, Peru
Marshall, Marie	211 South University Avenue, Provo, Utah
Moran, Alice B.	Dept.An.Path., Agr.Exp.Sta., Lexington, Ky.
Purcell, Albert E.	247 N. 6 W., Provo, Utah
Quinn, Herbert	3841 Marbury Avenue, Cincinnati 9, Ohio
Rosenblum, Eugene D.	Dept. of Agr.Bact., U. of Wis., Madison, Wis.
Segalove, Milton	Safety Division, Camp Detrick, Frederick, Md.
Stiffey, Arthur V.	1330 Hamilton St., Allentown, Pa.
Stone, Robert L.	Dept. of Bact., U. of Ky., Lexington, Kentucky
Thomas, Adrian A.	360 E. 6 N., Provo, Utah
Weindling, Richard	Lederle Laboratories, Pearl River, New York
Whitesides, Caroline	Kaysville, Utah
Williams, Valentine	1681 68th Street, Brooklyn 4, New York
Woods, Clifton J., Jr.	4326 Prairie Avenue 3, Chicago 15, Illinois
Yieh, Tien-hsing	Army Ins. of Health, Army Med.Center, Shanghai Civic Center, Shanghai, China

## For Sustaining Membership:

Sheffield Farms Company, Inc.	524 West 57th Street, New York 19, New York
Electric Hotpack Company, Inc.	Cottman Ave. at Melrose St., Philadelphia 35, Pa.

May 1 to June 30 inclusive

Allred, Llonas	237 South 8th East, Salt Lake City, Utah
Ananenko, Nydia Hope	Am. Cyanamid Co., 1937 W. Main St., Stamford, Conn.
Anderson, Theodore G.	V.A. Hospital, Clin. Lab., Bronx, New York
Armstrong, Florence H.	Box 892, Ottawa, Canada
Balows, Albert	1617 South Salina St., Syracuse 5, New York
Bartolotti, Joseph J.	1458 S. 3rd St., Louisville, Ky.
Bearman, Julius E.	1213 West University Ave., Gainesville, Fla.
Beatty, Jr., James F.	Rm. 102, Science Hall, U. of Fla., Gainesville, Fla.
Blevins, Anne	N.Y. Post Graduate Hosp., 303 E. 20th St., N.Y., N.Y.
Bustanza, F.	Villanueva 26, Madrid, Spain
Buxbaum, Lillian	10 Monroe St., New York 2, N.Y.
Cannarsa, Dante N.	1566 Bay Ridge Parkway, Brooklyn 28, N.Y.
Cassell, Lois Slater	Grandview Ave., Rt. 306, Monsey, N.Y. % Quint
Chandler, Dorothy L.	Central Diagnostic Lab., 147 E. 2nd So., Salt Lake City
Chaplin, C. E.	Macdonald College, Quebec, Canada
Chaplin, Wm. C.	309 Campus Ave., Pullman, Washington
Christman, John F.	Dept. of Chem., U. of Tenn., Knoxville, Tennessee
Clark, Charles A.	2 Mortimer Dr., Old Greenwich, Conn.
Clayton, Rosellen	P.O.Box 167, Asheville, N.C.
Cox, Charles D.	Dept. of Bact., 362 Noyes Lab., U. of Ill., Urbana, Ill.
Creighton, Ernest T.	17 Ridge Road, Biltmore, N.C.
Crumb, Cretyl	Lab. Study Air-borne Inf., U. of Pa. Med. Sch., Philadelphia
Current, Hazel	918 17th Street, Santa Monica, Calif.
Dean, Kathryn F.	U.S. Marine Hosp., Baltimore, Md.
Denison, Martalee S.	Biology Dept., Purdue Univ., W. Lafayette, Ind.
Drozda, Raymond	5403 W. 25th Pl., Cicero 50, Ill.
Ecker, E. E.	Inst. of Path., Med. Schl., Western Reserve U., 2085 Adelbert Rd., Cleveland 6, Ohio
Elberg, Sanford S.	Dept. of Bact., U. of Calif., Berkeley 4, Calif.
Erickson, Jack J.	1579 E. Sigma, Apt. 4, Stadium Village, U. of Utah, Salt Lake City, Utah
Feltz, Elmer	Naval Med. Res. Inst., Nat'l Naval Med. Center, Bethesda, Md.
Ferrell, Patricia L.	171 So. 12th East, Salt Lake City, Utah
Flanders, Thelma	7951 Constance Ave., Chicago 17, Ill.
Fraser, Russell S.	Div. of Lab., Utah St. Dept. Health, Capitol Bldg., Salt Lake City, Utah
Freedman, Dorothy M.	U. S. Naval Hospital, Dublin, Georgia
Garibaldi, John A.	Western Reg. Res. Lab., 800 Buchanan, Albany, Calif.
Gill, Richard J.	912 So. 2nd St., Champaign, Ill.
Gohd, Robert S.	168 Mapes Ave., Newark 8, N.J.
Goldenburg, Edwin H.	425 Surk St., Chicago 14, Ill.
Graves, Robert A.	300 N. 7th St., Gainesville, Fla.
Griffith, Bettie Rhys	81 Mt. Vernon St., Boston, Mass.
Gurganious, Jr., Edgar W.	Delta Chi House, Gainesville, Fla.
Haas, Felix L.	702 E. 24th St., Austin, Texas
Hagenbuch, Eleanor	829 Buffalo, Lansing 15, Michigan
Hamann, Agnes C.	333 E. 68th St., New York 21, N.Y.
Hammond, Carolyn W.	808 South Wood St., Chicago, Ill.
Hardison, Dick P.	P.O. Box 491, Gainesville, Fla.
Harnik, George W.	Food Tech. Dept., Oregon State College, Corvallis, Ore.
Sugarman, Edward I.	450 Sutter St., San Francisco, Calif.
Hayes, Sheldon P.	1300 25th St., Ogden, Utah
Haymond, Joseph L.	531 No. Main St., South Bend, Ind.
Hehre, Edward J.	Dept. Bact. & Imm., Cornell U. Med. Sch., 1300 York Ave. New York, N. Y.

- Henderson, David W.  
 Director, Microbiological Res. Dept. Experimental Sta.,  
 Salisbury, England.
- Hochwald, Edith  
 907 N. Harper Ave., Hollywood, 46, Calif.
- Hosty, Thomas S.  
 2046 Wall St., Butte, Mont.
- Humphreys, Francis Albert  
 Lab. of Hygiene, Dept. of Nat'l Health and Welfare,  
 Box 450, Kamloops, B.C.
- Johnson, Charles W.  
 Dept. of Bact., Meharry Med. Col., Nashville 8, Tenn.
- Johnson, J. Darold  
 231 E. 2nd North, Logan, Utah
- Keys, Reginald J.  
 P.O. Box 491, Gainesville, Fla.
- Kinsloe, Helen A.  
 120 W. Fairmount, State College, Pa.
- Klarmann, Emil G.  
 153 Franklin St., Bloomfield, N.J.
- Klein, George C.  
 913 E. 37th St., Austin, Texas
- Kline, Edmund K.  
 302 Laurens St., Olean, N.Y.
- Knibb, Shirley Ann  
 2101 Erdman Ave., Baltimore 18, Md.
- Korzenovsky, Mitchell  
 Dept. of Bact., U. of Kansas, Lawrence, Kansas
- Lane, James F.  
 Gen. Del., Univ. Station, U. of Fla., Gainesville, Fla.
- Langford, Jr., George Curtis  
 2116 Southview Ave., Tampa 6, Fla.
- Larsen, Don H.  
 Dept. of Bact., U. of Utah, Salt Lake City, Utah
- Leibowitz, Sylvia Tobi  
 95 Pulaski St., Brooklyn 6, N.Y.
- Lewis, Charles  
 Dept. 70-2, The Upjohn Co., Kalamazoo, Mich.
- Liotta, Ruth Weise  
 213 Broadway, Long Branch, N.J.
- McDearmon, Emma Lou  
 Dept. of Plant Sciences, U. of Okla., Norman, Okla.
- Maclean, Donald P.  
 412 b Johnson Hall, Dept. of Micro., Univ. Wash. Sch.  
 Med., Seattle 5, Wash.
- Magalhaes, Octavio de  
 Laboratorio de Fisiologia, Faculdade de Medicina.  
 Univ. de Minas Gerais, Belo Horizonte-Est. de  
 Minas, Gerais, Brasil, S.A.
- Maguire, Mary Theresa  
 1860 So. 16th East, Salt Lake City, Utah
- Marcoux, M. Wayne  
 Armour Lab., 1425 W. 42nd St., Chicago 9, Ill.
- Marmur, Julius  
 Macdonald College, Quebec, Canada
- Martin, Gustav J.  
 Nat'l Drug Co., 4663 Stenten Ave., Philadelphia, Pa.
- McGrath, Joseph R.  
 Div. of P.H., 401 City Hall, Minneapolis 15, Minn.
- Medbery, Henry E.  
 1128 16th St., N.W., Washington 6, D.C.
- Metcalf, Dorothy E.  
 21 Jefferson Ave., Geneva, N.Y.
- Meyer, Myrtle I.  
 1505 26th St., N.W., Washington, D.C.
- Moran, Eileen Dolores  
 329 Hawthorne Ave., Palo Alto, Calif.
- Moreira-Jacob, Manuel  
 4,3<sup>o</sup>, Rua Victor Cordon, Lisboa, Portugal
- Morgan, Max E.  
 Dept. of Dairy Ind., Iowa State College, Ames, Iowa
- Morrow, Patrice Louise  
 27 Belmont Ave., San Francisco, Calif.
- Nardi, Francis A.  
 350 Monticello Ave., Harrisonburg, Va.
- Nelson, Jr., Herbert  
 426 E. Washington, Ann Arbor, Mich.
- Nelson, Ruth Evelyn  
 Box 78, Route 2, Orem, Utah
- Osborne, Winifred  
 Dept. Health, Bur. Labs., 766 Irving Ave., Syracuse, N.Y.
- Parsons, Elizabeth J.  
 Sch. of Hygiene, Johns Hopkins U., 615 N. Wolfe St.,  
 Baltimore, Md.
- Pattishall, Martha  
 1427 Windsor Pl., Jacksonville 5, Fla.
- Perez, J. Enrique  
 Dept. of Bact., Sch. of Trop. Med., San Juan, Puerto Rico
- Pizarro, Enriqueta  
 5724 Ellis Ave., Chicago 37, Ill.
- Puccio, Joseph F.  
 1425 80th St., Brooklyn 28, N.Y.
- Puck, Theodore T.  
 Dept. of Med., U. of Chicago, Chicago 37, Ill.
- Rhodes, Andrew J.  
 Sch. of Hygiene, 150 College St., Toronto, Ontario, Can.
- Rushing, N.B.  
 Gen. Del., Univ. Station, U. of Fla., Gainesville, Fla.
- Saurino, Vincent R.  
 102 Science Hall, U. of Fla., Gainesville, Fla.
- Schroeder, Erich G.  
 301 Plymouth Rd., W. Palm Beach, Fla.
- Scott, Lawrence Vernon  
 Dept. of Plant Sciences, U. of Okla., Norman, Okla.
- Serjak, W. C.  
 Hiram Walker and Sons, Peoria, Ill.



- Sgueros, Peter L.  
 Sheehy, John J.  
 Shirley, Claudia S.  
 Silberstein, Joseph K.  
 Sisler, Frederick D.  
 Slease, Janet  
 Smith, Mary Janis VanCott  
 Smith, Mary Ruth  
 Smith, Thomas B.  
 Spink, Wesley W.  
 Stafford, Genevieve  
 Stanley, Eleanor Caswell  
 Stefaniak, Jerome S.  
 Steinkraus, Keith H.  
 Steinke, Paul K. W.  
 Stevens, Kenneth R.  
 Stevens, Ludlow Robert  
 Stimmel, Margaret Perry  
 Sutherland, Marjorie L.  
 Takalo, David S.  
 Tarakajian, Peter  
 Thatcher, F. S.  
 Tollstrup, Jeanne  
 Tuckett, Jr., Norman L.R.  
 Updegraff, David M.  
 VanDemark, Paul John  
 Vandivieve, H. M.  
 Veazie, Lyle  
 Versluis, Hendrick  
 Vizcarrondo R., Oswaldo  
 Von der Lieth, John F.  
 Weiss, Charles M.  
 Weiss, Emil  
 Wicker, Jr., Thomas H.  
 Wood, Don C.  
 Yanis, Bertha Meade  
 Zagallo, Augusto Cordeiro
- Biology Dept., Purdue U., W. Lafayette, Ind.  
 Dept. of Path., U. of Utah Med.Sch., Salt Lake City, U.  
 Conchas Dam, New Mexico  
 2314 Moris Ave., New York. 53, N.Y.  
 Box 109, La Jolla, Calif.  
 3207 Faronia St., Pittsburgh 4, Pa.  
 832 A 7th Ave., Salt Lake City, Utah  
 Dept. Med., Sch.Med., Wash.Univ., St. Louis, Mo.  
 Chief Lab.Service, Station Hosp., Lockbourne Army Air  
 Base, Columbus 17, Ohio  
 Univ. Hospitals, Dept.Med., Minneapolis 14, Minn.  
 150 So. 9th East, Salt Lake City, Utah  
 136-39 41st Ave., Flushing, N.Y.  
 Eli Lilly Res.Lab., Eli Lilly & Co., Indianapolis, Ind.  
 919 Penn Ave. North, Minneapolis, Minn.  
 Monroe Trailer Pk. 180, Madison 5, Wisconsin  
 Utah State Agr. College, Logan, Utah  
 4712 Leiper St., Apt. E-2, Philadelphia, Pa.  
 Veterinary Bldg., Colo. A & M College, Ft.Collins, Colo.  
 Libby, McNeill & Libby, Blue Island, Illinois  
 Dept. of Bact., Oregon State College, Corvallis, Ore.  
 528 8th St., Brooklyn 15, N. Y.  
 Macdonald College, Quebec, Canada  
 1144 So. 17th East, Salt Lake City 5, Utah  
 Route 1, Box 174, Mt. Dora, Fla.  
 Scripps Inst. of Oceanography, La Jolla, Calif.  
 Box 76, Brooktondale, N. Y.  
 Mercer Univ., Macon, Georgia  
 Bact.Dept., U. of Oregon Med.Sch.,Portland 1, Oregon  
 Branch Vet. Lab., P. O. Box 592, Provo, Utah  
 Lab. de Aguas, Ministerio de Obras Publicas, Principal a  
 Sta. Capilla, Caracas, Venezuela, S.A.  
 Hudson County Labs., 768 Bergen Ave., Jersey City, N.J.  
 Woods Hole Oceanographic Inst., Woods Hole, Mass.  
 6139 Kenwood Ave., Chicago 37, Ill.  
 1250 W. Court St., Gainesville, Fla.  
 730 No. 8 E., Provo, Utah  
 5918 Ellsworth S., Philadelphia 43, Pa.  
 Macdonald College, Quebec, Canada

## NEW SUSTAINING MEMBERS

- |  |                          |
|--|--------------------------|
| U. S. Industrial Chemicals, Inc. . . . . | Baltimore, Maryland      |
| Jos. Schlitz Brewing Company . . . . .   | Milwaukee, Wisconsin     |
| G. D. Searle and Company . . . . .       | Chicago, Illinois        |
| A. C. Barnes Company, Inc. . . . .       | New York, New York       |
| Ivan Sorvall . . . . .                   | New York, New York       |
| American Can Company . . . . .           | Maywood, Illinois        |
| Bussey Products Company . . . . .        | Chicago, Illinois        |
| J. T. Baker Chemical Company . . . . .   | Phillipsburg, New Jersey |

